

ABSTRACT OF THE DISCLOSURE

A duplex optical transceiver comprises a connector for optical cable with an optical cable lengthwise disposed therein, a ring-shaped clinging member formed of metal a hollow, cylindrical body formed of plastic, the body including a 5 first opening at an open end coupled to a light source, a second opening on the peripheral surface coupled to a sensor, and a recessed, annular shoulder at the other end, and a filter mirror disposed within the body for deflecting light emitted by the light source to an optical fiber of the optical cable and reflecting light incident onto the optical fiber to the sensor. The clinging member is insertable 10 into the shoulder for fastening by snapping.